WU5205

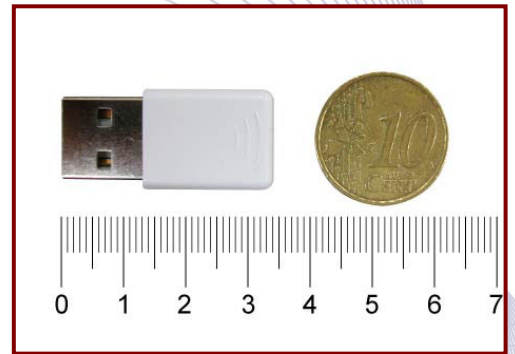## 802.11b/g/n Mini-size Wireless LAN USB2.0 Adapter

◆ Description

The **WU5205** is an IEEE802.11b/g/n mini-size USB adapter that can connect notebook, handheld or desktop computer equipped with USB interface without the hassle of cabling or wiring, which significantly brings mobile workers the freedom of staying connected to the network while roaming around a building or multiple buildings maintaining access to the Internet, e-mail, networked applications, and print services.

The **WU5205** fully complies with IEEE 802.11n draft 3.0 and IEEE 802.11 b/g standards, delivers reliable, cost-effective, feature rich wireless connectivity at high throughput from an extended distance. It supports WMM and WMM-PS (IEEE802.11e QoS standard); also has an innovative built-in WPS (Wi-Fi Protected Setup) function which can build a connection between an AP and synchronize the encryption settings.

◆ Features

□ 1T1R Mode with 150Mbps PHY Rate for both

□ Supports WEP 64/128, WPA, WPA2

□ Supports WPS configuration

□ Supports USB 2.0/1.1 interface

□ Compatible with Microsoft Windows 2000, XP, Vista,

◆ Specification

Standards	**IEEE 802.11 b/g/n standards compliant**
Antenna	**Chip antenna (2dBi) *1 (Peak Gain)**
Supported OS	**Windows 2000, XP, Vista**
Security	**WEP 64/128** **WPA, WPA2**
Frequency Range	**802.11b/g/n** **USA (FCC): 2.412GHz ~ 2.462GHz** **Europe (ETSI): 2.412GHz ~ 2.472 GHz** **Japan (TELEC): 2.412GHz ~ 2.472GHz**
Number of Selectable Channels	**802.11b/g/n:** **USA (FCC) 11 channels;** **EU (ETSI) 13 channels;** **Japan (TELEC) 13 channels**
Data Rate	**802.11b: 1, 2, 5.5, 11Mbps** **802.11g: 6, 9, 12, 18, 24, 36, 48, 54Mbps** **802.11n(20MHz):MCS0~7, up to 72.22Mbps** **802.11n(40MHz):MCS0~7, up to 150Mbps**
Transmit Power (EIRP)	**802.11b : 16+/-1.5 dBm (Typical)** **802.11g : 12+/-1.5 dBm (Typical)** **Wireless-N : 12+/-1.5 dBm (Typical)**
Receiver Sensitivity	**11b 11Mpbs :-76dBm** **11g 54Mpbs :-65dBm** **11n-HT20 72.22Mpbs :-62dBm** **11n-HT40 150Mpbs :-59dBm**
Physical Specifications	**Weight : 2.7 g** **Dimension : 30.0(L)*14.00(W)*7.0(H) mm**
Environment Specifications	**Operating Temp : 0℃ to 45℃** **Storage Temp : -20℃ to 70℃** **Operating Humidity : 10% to 90% Non-Condensing** **Storage Humidity : 5% to 90% Non-Condensing**
Power Requirement	**DC 5V**
Certifications:	**FCC, CE**